# COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:
This declaration is of the following type:
<ul> <li>[X] original</li> <li>[] divisional</li> <li>[] continuation</li> <li>[] continuation-in-part</li> </ul>
INVENTORSHIP IDENTIFICATION
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
TITLE OF INVENTION
ENHANCED REMOTE PLASMA CLEANING
SPECIFICATION IDENTIFICATION
The specification of which:
<ul> <li>[X] is attached hereto</li> <li>[] was filed on, under Application No, executed on even date herewith; or</li> <li>[] Express Mail No (as Application No. not yet known) and was amended on (if applicable)</li> <li>[] was described and claimed in PCT International Application No filed on</li> </ul>
and as amended under PCT Article 19 on
ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,
and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
[ ] In compliance with this duty there is attached an Information Disclosure Statement in

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# PRIORITY CLAIM (35 U.S.C. §119)

accordance with 37 CFR §1.98.

least or foreign at least	ne country other that application(s) for pone country other t	r mentor's certificate or of a in the United States of Ameri patent or inventor's certificate than the United States of Ameri the application(s) of which p	ca listed below, and hav or any PCT internationa erica filed by me on the	e also identified below any all application(s) designating		
	[X] No such a	applications have been filed.				
	[ ] Such appl	ications have been filed as fo	ollows:			
Α.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119					
	Country/PCT	Application No	Date Filed	Priority Claimed		
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No		
B.	All foreign applic U.S. application	ation(s), if any, filed more th	an 12 mos. (6 mos for d	esign) prior to this		
	Country: Application No: Filing date:					
		PRIORITY CLAIM	(35 U.S.C. §120)			
PCT in as the s in the r to disc there is to allow	ternational applications to the subject matter of each manner provided by lose information the substantial likelihow the application to enational or PCT in [X] No such a	under Title 35, United States ion(s) designating the United Sch of the claims of this applicate the first paragraph of Title 3 at is material to the examina ood that a reasonable Examination issue as a patent) which occurrent at ional filing date of this applications have been filed	States of America that is/ ation is not disclosed in the 5, United States Code, § tion of this application ( her would consider it impred between the filing dates application.	are listed below and, insofar nat/those prior application(s) 112, I acknowledge the duty namely, information where portant in deciding whether		
	[ ] Such app	lications have been filed, as t	follows:			
			Status	. 41 1 1		
	Application No.	Filing Date	Patented Pend	ing Abandoned		

# 

### **POWER OF ATTORNEY**

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard Peter J. Sgarbossa Donald Verplancken Lawrence Edelman Michael B. Einschlag Raymond Kam-On Kwong James C. Wilson John R. Schiffauer Joseph Bach Sarah J. Brashears Robert W. Mulcahy Robert C. Colwell	Registration No. 28,041 Registration No. 25,610 Registration No. 33,217 Registration No. 25,226 Registration No. 29,301 Registration No. 37,165 Registration No. 35,412 Registration No. 32,170 Registration No. 37,771 Registration No. 38,087 Registration No. 25,436 Registration No. 27,431
William L. Shaffer	Registration No. 37,234
Roger T. Barrett Patrick M. Boucher	Registration No. 41,599 Registration No. 44,037
Douglas M. Hamilton	Registration No. 47,629
Send correspondence to:	Direct telephone calls to:
Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P.O. Box 450A Santa Clara, CA 95052	Douglas M. Hamilton (303) 571-4000

### DECLARATION

Full name of sole or fi	rst inventor: THOMA	S NOWAK	
Inventor's signature:		Date:	
Residence:	Cupertino, CA 95014		
Post Office Address:	20677 Forge Way #217, C	Cupertino, CA 95014	
	United States	Country of Citizenship:	United States
Full name of second in	nventor: IAN LATCHFOI	RD	
Inventor's signature:		Date:	
Residence:	Sunnyvale, CA 94087		
Post Office Address:	1207 Sesame Drive, Sunn	yvale, CA 94087	
	United States	Country of Citizenship:	Great Britain

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Full name of third in	ventor: TSUTOMU TANAKA	
Inventor's signature:	Date:	7-13-01
Residence: Post Office Address:	Santa Clara, CA 95051	Japan
Full name of fourth i	nventor: BOK HEON KIM	
Inventor's signature:		
Residence: Post Office Address:	San Jose, CA 95129 4241 Norwalk Drive, #208, San Jose, CA 95129 United States Country of Citizenship:	Korea
Full name of fifth inv	ventor: PING XU	
Inventor's signature: Residence:	Fremont, CA 94539	
Post Office Address:	48888 Crown Ridge Common, Fremont, CA 94539 United States Country of Citizenship:	China
Full name of sixth in	ventor: JASON FOSTER	
Inventor's signature: Residence:	Santa Clara, CA 95051	
Post Office Address:		United States
Full name of seventh	inventor: HEATH B. DESHONG	
Inventor's signature:		
Residence: Post Office Address:	Livermore, CA 94550 663 Bethal Place, Livermore, CA 94550 United States Country of Citizenship:	United States
Full name of eighth	inventor: MARTIN SEAMONS	
Inventor's signature		•
Residence:	San Jose, CA 95123	
Post Office Address	374 Brookmere Drive, San Jose, CA 95123 United States Country of Citizenship:	United States

(Declaration ends with this page)

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# COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

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### INVENTORSHIP IDENTIFICATION

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# TITLE OF INVENTION

# ENHANCED REMOTE PLASMA CLEANING

# SPECIFICATION IDENTIFICATION

The specification of which:

[X] [ ]	is attached hereto was filed on	, under Application No	, executed on even
- "	date herewith; or		
	[ ] Express Mail No	(as Application No. n	ot yet known)
	and was amended on	(if applicable)	
ſ l	was described and claimed	d in PCT International Application No	filed on
		s amended under PCT Article 19 on	·

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I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

least or foreign at least	ne country other that application(s) for pone country other t	entor's certificate or of a n the United States of Ameri atent or inventor's certificate han the United States of Ame the application(s) of which p	ca listed below, and have or any PCT international erica filed by me on the s	e also identified below any application(s) designating
	[X] No such a	pplications have been filed.		
	[ ] Such appl	ications have been filed as fo	ollows:	
A.	Prior foreign/PCT and any priority cl	application(s) filed within 1 aims under 35 U.S.C. §119	2 mos. (6 mos. for desig	n) prior to this application,
	Country/PCT	Application No	Date Filed	Priority Claimed
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
B.	All foreign application	ation(s), if any, filed more th	an 12 mos. (6 mos for de	esign) prior to this
	Country: Application No: Filing date:			
		PRIORITY CLAIM	(35 U.S.C. §120)	
PCT in as the s in the r to disc there is to allow	subject matter of eac manner provided by lose information that is substantial likelihor we the application to	under Title 35, United States on(s) designating the United 3th of the claims of this applicate the first paragraph of Title 3th is material to the examination od that a reasonable Examination issue as a patent) which occurate mational filing date of this	States of America that is/a ation is not disclosed in the 5, United States Code, §1 tion of this application (ner would consider it imported between the filing da	are listed below and, insofar at/those prior application(s) 12, I acknowledge the duty namely, information where portant in deciding whether



# POWER OF ATTORNEY

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Michael L. Sherrard Peter J. Sgarbossa Donald Verplancken Lawrence Edelman Michael B. Einschlag Raymond Kam-On Kwong James C. Wilson John R. Schiffauer Joseph Bach Sarah J. Brashears Robert W. Mulcahy Robert C. Colwell William L. Shaffer Roger T. Barrett Patrick M. Boucher	Registration No. 28,041 Registration No. 25,610 Registration No. 33,217 Registration No. 25,226 Registration No. 29,301 Registration No. 37,165 Registration No. 35,412 Registration No. 32,170 Registration No. 37,771 Registration No. 38,087 Registration No. 25,436 Registration No. 27,431 Registration No. 37,234 Registration No. 41,599 Registration No. 44,037
Douglas M. Hamilton	Registration No. 47,629
Send correspondence to:	Direct telephone calls to:
Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P.O. Box 450A Santa Clara, CA 95052	Douglas M. Hamilton (303) 571-4000

# **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

1

Full name of sole or fi	irst inventor: THOMA	AS NOWAK		
Inventor's signature:		Date:		
Residence:	Cupertino, CA 95014			*
Post Office Address:	20677 Forge Way #217,	Cupertino, CA 95014		
	United States	Country of Citizenship:	United States	
Full name of second is	nventor: IAN LATCHFO	ORD		
Inventor's signature:		Date:		
Residence:	Sunnyvale, CA 94087			
Post Office Address:	1207 Sesame Drive, Sun	nvvale. CA 94087		
	United States	Country of Citizenship:	Great Britain	

I OIMU	TANAKA
	LOMU

Inventor's signature:  Residence:  Santa Clara, CA 95051  Post Office Address:  744 Nicholson Avenue, Santa Clara, CA 95051  United States  Country of Citizenship:  Japan  Full name of fourth inventor:  BOK HEON KIM	
Post Office Address: 744 Nicholson Avenue, Santa Clara, CA 95051 United States Country of Citizenship: Japan	
United States Country of Citizenship: Japan	
Full name of fourth inventor: BOK HEON KIM	
Inventor's signature: Date:	
Residence: San Jose, CA 95129	
Post Office Address: 4241 Norwalk Drive, #208, San Jose, CA 95129	
United States Country of Citizenship: Korea	
Full name of fifth inventor: PING XU	
Inventor's signature: Date:	
Residence: Fremont, CA 94539	
Post Office Address: 48888 Crown Ridge Common, Fremont, CA 94539	
United States Country of Citizenship: China	
Full name of sixth inventor: JASON FOSTER	
Inventor's signature: Date:	
Residence: Santa Clara, CA 95051	
Post Office Address: 3707 Poinciana Drive, Santa Clara, CA 95051	
United States Country of Citizenship: United States	
Full name of seventh inventor: HEATH B. DESHONG	
Inventor's signature: Date:	
Residence: Livermore, CA 94550	
Post Office Address: 663 Bethal Place, Livermore, CA 94550	
United States Country of Citizenship: United States	
Full name of eighth inventor: MARTIN SEAMONS	
Inventor's signature: Martin Je Leanung Date: 6/25/01	
Residence: San Jose, CA 95123	
Post Office Address: 374 Brookmere Drive, San Jose, CA 95123	
United States Country of Citizenship: United States	

(Declaration ends with this page)



# COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declara	ition is	10	the	tollowii	ig type

[ X ] original[ ] divisional[ ] continuation[ ] continuation-in-part

# INVENTORSHIP IDENTIFICATION

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### TITLE OF INVENTION

# ENHANCED REMOTE PLASMA CLEANING

### SPECIFICATION IDENTIFICATION

The specification of which:

Section of the sectio

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[X] [ ]	is attached hereto was filed on	, under Application No.	, executed	d on even
	date herewith; or			
	[ ] Express Mail No.	(as Application No. no	ot yet known)	
	and was amended on	(if applicable)		
ſ ]	was described and claimed	in PCT International Application No.		_ filed on
	and as	amended under PCT Article 19 on		

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and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign

1

application(s) for patent or mentor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.
[X] No such applications have been filed.

A.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application
	and any priority claims under 35 U.S.C. §119

Such applications have been filed as follows:

Country/PCT	Application No	Date Filed	Priority Claimed
			[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No

B.	All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to the	İS
	U.S. application	

Country:

[ ]

Application No:

Filing date:

# PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

X No su	ch applications have been t	11ea		
[ ] Such a	applications have been filed	l, as follows:		
			Status	
Application N	o. <u>Filing Date</u>	Patented	Pending	Abandoned

í

# **POWER OF ATTORNEY**

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard Peter J. Sgarbossa Donald Verplancken Lawrence Edelman Michael B. Einschlag Raymond Kam-On Kwong James C. Wilson John R. Schiffauer Joseph Bach Sarah J. Brashears Robert W. Mulcahy Robert C. Colwell William L. Shaffer Roger T. Barrett Patrick M. Boucher Douglas M. Hamilton	Registration No. 28,041 Registration No. 25,610 Registration No. 33,217 Registration No. 25,226 Registration No. 29,301 Registration No. 37,165 Registration No. 35,412 Registration No. 32,170 Registration No. 37,771 Registration No. 37,771 Registration No. 25,436 Registration No. 25,436 Registration No. 27,431 Registration No. 37,234 Registration No. 41,599 Registration No. 44,037 Registration No. 47,629
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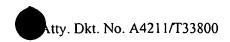
# **DECLARATION**

Full name of sole or fi	irst inventor: THOMA	AS NOWAK		
Inventor's signature:		Date:		
Residence:	Cupertino, CA 95014			•
Post Office Address:	20677 Forge Way #217, 0	Cupertino, CA 95014		
	United States	Country of Citizenship:	United States	
Full name of second is	nventor: IAN LATCHFO	PRD		
Inventor's signature:		Date:		
Residence:	Sunnyvale, CA 94087			
Post Office Address:	1207 Sesame Drive, Sun	nyvale, CA 94087		
United States Country of Citizenship: Great Britain				

Full name of third inventor:	TSUTOMU TANAKA
------------------------------	----------------

Inventor's signature:	Date	:
Residence:	Santa Clara, CA 95051	-
Post Office Address:	744 Nicholson Avenue, Santa Clara, CA 95051	
	United States Country of Citizenship	: Japan
Full name of fourth in	ventor: BOK HEON KIM	
Inventor's signature:	Date	::
Residence:	San Jose, CA 95129	
Post Office Address:	4241 Norwalk Drive, #208, San Jose, CA 95129	
	United States Country of Citizenship	: Korea
Full name of fifth inve	ntor: PING XU	
Inventor's signature:	Date	o:
Residence:	Fremont, CA 94539	
Post Office Address:	48888 Crown Ridge Common, Fremont, CA 94539	
	United States Country of Citizenship	: China
Full name of sixth inve	entor: JASON FOSTER	
Inventor's signature:	Date	<b>::</b>
Residence:	Santa Clara, CA 95051	
Post Office Address:	3707 Poinciana Drive, Santa Clara, CA 95051	
	United States Country of Citizenship	: United States
Full name of seventh i	nventor: HEATH B. DESHONG	
Inventor's signature:	Most B Do Thon Date	:: 7112101
Residence:	Livermore, CA 94550	
Post Office Address:	663 Bethal Place, Livermore, CA 94550	
	United States Country of Citizenship	: United States
Full name of eighth in	ventor: MARTIN SEAMONS	
Inventor's signature:	Date	e:
Residence:	San Jose, CA 95123	
Post Office Address:	374 Brookmere Drive, San Jose, CA 95123 United States Country of Citizenship	: United States

(Declaration ends with this page)



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As a below named invento	or, I hereby declare that:
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This declaration is of the following type:

[ X ]	original
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### INVENTORSHIP IDENTIFICATION

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### ENHANCED REMOTE PLASMA CLEANING

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The specification of which:

is attached hereto was filed on	, under Application No	, executed on even
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[ ] Express Mail No	(as Application No. no	ot yet known)
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# PRIORITY CLAIM (35 U.S.C. §119)

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A.		application(s) filed within 1 laims under 35 U.S.C. §119	2 mos. (6 mos. for desig	(n) prior to this application,
	Country/PCT	Application No	Date Filed	Priority Claimed
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
B.	All foreign application	ation(s), if any, filed more th	nan 12 mos. (6 mos for d	esign) prior to this
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		PRIORITY CLAIM	(35 U.S.C. §120)	
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	Application No.	Filing Date	Status Patented Pend	ing Abandoned
	Application No.	I lillig Date	i attitud i ellu	IIIE Mandoned

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# **DECLARATION**

Full name of sole or fi	rst inventor: THOMA	AS NOWAK		
Inventor's signature:		Date:		
Residence:	Cupertino, CA 95014			*
Post Office Address:	20677 Forge Way #217, 0	Cupertino, CA 95014		
	United States	Country of Citizenship:	United States	
Full name of second is	nventor: IAN LATCHFO	RD		
Inventor's signature:		Date:		
Residence:	Sunnyvale, CA 94087			
Post Office Address:	1207 Sesame Drive, Sunr	nyvale, CA 94087		
	United States	Country of Citizenship	Great Britain	

. Full name of third inventor:

Post Office Address:	744 Nicholson Avenue, Santa Clara, CA 95051 United States Country of Citizenship:	Japan
Full name of fourth in	ventor: BOK HEON KIM	
Inventor's signature: Residence: Post Office Address: Full name of fifth inve	San Jose, CA 95129  4241 Norwalk Drive, #208, San Jose, CA 95129  United States  Country of Citizenship:  Country of Citizenship:	6/14/0/ Rose (A 95/20
Inventor's signature:	Date:	
Residence: Post Office Address:	Fremont, CA 94539 48888 Crown Ridge Common, Fremont, CA 94539	
	United States Country of Citizenship:	China
Full name of sixth inv	•	China
	entor: JASON FOSTER	China
Inventor's signature:	entor: JASON FOSTER  Date:	China
	entor: JASON FOSTER  Date:  Santa Clara, CA 95051	
Inventor's signature: Residence: Post Office Address:	Date: Santa Clara, CA 95051 3707 Poinciana Drive, Santa Clara, CA 95051	
Inventor's signature: Residence: Post Office Address: Full name of seventh i	Date:  Santa Clara, CA 95051 3707 Poinciana Drive, Santa Clara, CA 95051 United States  Country of Citizenship:	
Inventor's signature: Residence: Post Office Address: Full name of seventh i Inventor's signature: Residence:	Date:  Santa Clara, CA 95051 3707 Poinciana Drive, Santa Clara, CA 95051 United States Country of Citizenship: nventor: HEATH B. DESHONG  Date: Livermore, CA 94550	
Inventor's signature: Residence: Post Office Address: Full name of seventh i Inventor's signature: Residence:	Date:  Santa Clara, CA 95051 3707 Poinciana Drive, Santa Clara, CA 95051 United States Country of Citizenship:  nventor: HEATH B. DESHONG  Date:	
Inventor's signature: Residence: Post Office Address: Full name of seventh i Inventor's signature: Residence:	Date: Santa Clara, CA 95051 3707 Poinciana Drive, Santa Clara, CA 95051 United States Country of Citizenship: nventor: HEATH B. DESHONG  Date: Livermore, CA 94550 663 Bethal Place, Livermore, CA 94550	United States

TSUTOMU TANAKA

(Declaration ends with this page)

Country of Citizenship:

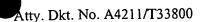
**United States** 

374 Brookmere Drive, San Jose, CA 95123

United States

DE 7042078 vi

Post Office Address:



# COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

	_
[X]	original
ָר <u>וֹ</u>	divisional
įį	continuation
Γī	continuation-in-part

This declaration is of the following type:

# INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# TITLE OF INVENTION

# ENHANCED REMOTE PLASMA CLEANING

# SPECIFICATION IDENTIFICATION

The specification of which:

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[ <b>X</b> ]	is attached hereto was filed on	, under Application No, execute	d on even
	date herewith; or  [ ] Express Mail No and was amended on	(as Application No. not yet known) (if applicable)	<b>~.</b> .
[]	was described and claimed and as	in PCT International Application Noamended under PCT Article 19 on	_ filed on 

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[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.
---

	[X] No such applications have been filed.				
	[ ] Such applications have been filed as follows:				
A.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application and any priority claims under 35 U.S.C. §119				
	Country/PCT	Application No	Date Filed	Priority Claimed	
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No	
В.	B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application				
	Country: Application No: Filing date:				
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	Application No.	Filing Date	Patented	StatusAbandoned	

# 

# POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard Peter J. Sgarbossa Donald Verplancken Lawrence Edelman Michael B. Einschlag Raymond Kam-On Kwong James C. Wilson John R. Schiffauer Joseph Bach Sarah J. Brashears Robert W. Mulcahy Robert C. Colwell William L. Shaffer Roger T. Barrett Patrick M. Boucher Douglas M. Hamilton Send correspondence to: Patent Counsel, MS/2061	Registration No. 28,041 Registration No. 25,610 Registration No. 33,217 Registration No. 25,226 Registration No. 29,301 Registration No. 37,165 Registration No. 35,412 Registration No. 32,170 Registration No. 37,771 Registration No. 37,771 Registration No. 25,436 Registration No. 25,436 Registration No. 27,431 Registration No. 37,234 Registration No. 41,599 Registration No. 41,599 Registration No. 44,037 Registration No. 47,629  Direct telephone calls to: Douglas M. Hamilton
Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P.O. Box 450A Santa Clara, CA 95052	Douglas M. Hamilton (303) 571-4000

# **DECLARATION**

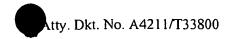
Full name of sole or fi	rst inventor: THOMAS	NOWAK	
Inventor's signature:		Date:	
Residence: Post Office Address:	Cupertino, CA 95014 20677 Forge Way #217, Co United States	upertino, CA 95014 Country of Citizenship:	United States
Full name of second in	nventor: IAN LATCHFOR	D	
I	tan lihl	Date:	7/12/01
Inventor's signature: Residence:	Sunnyvale, CA 94087		
Post Office Address:	1207 Sesame Drive, Sunny United States	vale, CA 94087 Country of Citizenship:	Great Britain

Inventor's signature:	Date:	
Residence: Post Office Address:	Santa Clara, CA 95051 744 Nicholson Avenue, Santa Clara, CA 95051 United States Country of Citizenship:	Japan
Full name of fourth in	ventor: BOK HEON KIM	
Inventor's signature:	Date:	
Residence: Post Office Address:	San Jose, CA 95129 4241 Norwalk Drive, #208, San Jose, CA 95129 United States Country of Citizenship:	Korea
Full name of fifth inve	entor: PING XU	
Inventor's signature:	Date:	
Residence: Post Office Address:	Fremont, CA 94539 48888 Crown Ridge Common, Fremont, CA 94539 United States Country of Citizenship:	China
Full name of sixth inv	entor: JASON FOSTER	,
Inventor's signature: Residence:	Santa Clara, CA 95051	
Post Office Address:	3707 Poinciana Drive, Santa Clara, CA 95051 United States Country of Citizenship:	United States
Full name of seventh	inventor: HEATH B. DESHONG	
Inventor's signature:	Date:	
Residence: Post Office Address:	Livermore, CA 94550 663 Bethal Place, Livermore, CA 94550 United States Country of Citizenship:	United States
Full name of eighth in	iventor: MARTIN SEAMONS	
Inventor's signature:	Date:	
Residence: Post Office Address:	San Jose, CA 95123 374 Brookmere Drive, San Jose, CA 95123 United States Country of Citizenship:	United States

(Declaration ends with this page)

le.





# COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

[ X ]	original
[]	divisional
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# TITLE OF INVENTION

# ENHANCED REMOTE PLASMA CLEANING

# SPECIFICATION IDENTIFICATION

The specification of which:

[ <b>X</b> ] [ ]	is attached hereto was filed on	, under Application No	, executed on eve	n
	date herewith; or			
	[ ] Express Mail No	(as Application No. r	not yet known)	
	and was amended on	(if applicable)		
[]	was described and claimed	in PCT International Application No	filed o	n
. ,		mended under PCT Article 19 on	·	

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# PRIORITY CLAIM (35 U.S.C. §119)

least or foreign at least	ne country other than application(s) for patents one country other t	entor's certificate or in the United States of Ar eatent or inventor's certific than the United States of the application(s) of which	nerica listed below, a cate or any PCT inter America filed by me	and have also in the national application on the same su	dentified below any ation(s) designating
	[X] No such a	pplications have been file	ed.		
	[ ] Such appl	ications have been filed a	as follows:		
Α.	_	application(s) filed with laims under 35 U.S.C. §1		or design) prio	to this application,
	Country/PCT	Application No	Date Filed	Prior	ty Claimed
					'es [ ] No 'es [ ] No 'es [ ] No
В.	All foreign application	ation(s), if any, filed mor	re than 12 mos. (6 mo	os for design) p	orior to this
	Country: Application No: Filing date:				
		PRIORITY CLA	IM (35 U.S.C. §120)	)	
PCT ir as the sin the sto discount to discount to allow	nternational applications of each subject matter of each manner provided by close information that is substantial likelihow the application to be national or PCT in [X] No such a	under Title 35, United Ston(s) designating the Unith of the claims of this appethe first paragraph of Titat is material to the example that a reasonable Example as a patent) which of ternational filing date of pplications have been filed,	ted States of America blication is not disclosule 35, United States Chination of this application would consider courred between the form of this application.	that is/are listed sed in that/those Code, §112, I accation (namely er it important	d below and, insofar e prior application(s) eknowledge the duty , information where in deciding whether
				Status	
	Application No.	Filing Date	<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>

# **POWER OF ATTORNEY**

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard Peter J. Sgarbossa Donald Verplancken Lawrence Edelman Michael B. Einschlag Raymond Kam-On Kwong James C. Wilson John R. Schiffauer Joseph Bach Sarah J. Brashears Robert W. Mulcahy Robert C. Colwell William L. Shaffer Roger T. Barrett	Registration No. 28,041 Registration No. 25,610 Registration No. 33,217 Registration No. 25,226 Registration No. 29,301 Registration No. 37,165 Registration No. 35,412 Registration No. 32,170 Registration No. 37,771 Registration No. 38,087 Registration No. 25,436 Registration No. 27,431 Registration No. 37,234 Registration No. 41,599
Patrick M. Boucher	Registration No. 44,037
Douglas M. Hamilton	Registration No. 47,629
Send correspondence to:	Direct telephone calls to:
Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P.O. Box 450A Santa Clara, CA 95052	Douglas M. Hamilton (303) 571-4000

### **DECLARATION**

Full name of sole or fi	irst inventor: THOMA	AS NOWAK		
Inventor's signature:		Date:		
Residence:	Cupertino, CA 95014			ŧ
Post Office Address:	20677 Forge Way #217,	Cupertino, CA 95014		
	United States	Country of Citizenship:	United States	
Full name of second in	nventor: IAN LATCHFO	PRD		
Inventor's signature:		Date:		
Residence:	Sunnyvale, CA 94087			
Post Office Address:	1207 Sesame Drive, Sum	nyvale, CA 94087		
	United States	Country of Citizenship:	Great Britain	

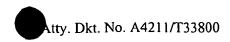
Full name of third inventor:

Inventor's signature:	Date:	
Residence:	Santa Clara, CA 95051	
Post Office Address:		
	United States Country of Citizenship:	Japan
Full name of fourth in	ventor: BOK HEON KIM	
Inventor's signature:	Date:	
Residence:	San Jose, CA 95129	
Post Office Address:		
	United States Country of Citizenship:	Korea
Full name of fifth inve	entor: PING XU	
Inventor's signature:	In Pino Date:	6/21/2001
Inventor's signature: Residence:	Fremont, CA 94539	0/20/201
Post Office Address:	48888 Crown Ridge Common, Fremont, CA 94539	
Post Office Address.	United States Country of Citizenship:	China United Sta
	Office States Country of Citizensing.	P.X
Full name of sixth inv	entor: JASON FOSTER	,
Inventor's signature:	Date:	
Residence:	Santa Clara, CA 95051	
Post Office Address:	•	
	United States Country of Citizenship:	United States
Full name of seventh	inventor: HEATH B. DESHONG	
Inventor's signature:	Date:	
Residence:	Livermore, CA 94550	
Post Office Address:	663 Bethal Place, Livermore, CA 94550	
	United States Country of Citizenship:	United States
Full name of eighth in	eventor: MARTIN SEAMONS	
Inventor's signature:	Date:	<u> </u>
Residence:	San Jose, CA 95123	
Post Office Address:	374 Brookmere Drive, San Jose, CA 95123	
	United States Country of Citizenship:	United States

TSUTOMU TANAKA

(Declaration ends with this page)

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# COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named	inventor.	I hereby	declare	that:
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This declaration is of the following type:

[ X ]	original
	divisional
[]	continuation
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[X]	is attached hereto was filed on date herewith; or	, under Application No	, executed on even
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[]	was described and claimed i	n PCT International Application No mended under PCT Article 19 on	filed or

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	[X] No such a	pplications have been filed.		
	[ ] Such appl	ications have been filed as fo	ollows:	
A.		application(s) filed within 1 laims under 35 U.S.C. §119	2 mos. (6 mos. for design	gn) prior to this application,
	Country/PCT	Application No	Date Filed	Priority Claimed
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
B.	All foreign applic U.S. application	ation(s), if any, filed more th	an 12 mos. (6 mos for o	design) prior to this
	Country: Application No: Filing date:			
		PRIORITY CLAIM	(35 U.S.C. §120)	
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	Application No.	Filing Date	Patented Pend	ling Abandoned

# A STATE OF THE STA

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### **DECLARATION**

Full name of sole or fi	rst inventor: /_ THOMAS	S NOWAK	
Inventor's signature: Residence: Post Office Address:	Eupertino, CA 95014 20677 Forge Way #217, C United States	Date upertino, CA 95014 Country of Citizenship	<del></del>
Full name of second ir	ventor: IAN LATCHFOR	AD.	
Inventor's signature:	Sunnyvale, CA 94087	Dat	e:
Residence: Post Office Address:	1207 Sesame Drive, Sunny United States	yvale, CA 94087 Country of Citizenship	o: Great Britain

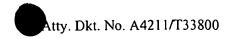


Full name of third inventor: TSUTOMU TANAKA

Inventor's signature:	Date:	
Residence:	Santa Clara, CA 95051	
Post Office Address:		
	United States Country of Citizenship:	Japan
Full name of fourth in	nventor: BOK HEON KIM	
Inventor's signature:	Date:	
Residence:	San Jose, CA 95129	
Post Office Address:	4241 Norwalk Drive, #208, San Jose, CA 95129	
	United States Country of Citizenship:	Korea
Full name of fifth inv	rentor: PING XU	
Inventor's signature:	Date:	
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	United States Country of Citizenship:	China
Full name of sixth in	ventor: JASON FOSTER	
Inventor's signature:	Date:	
Residence:	Santa Clara, CA 95051	
Post Office Address:		
	United States Country of Citizenship:	United States
Full name of seventh	inventor: HEATH B. DESHONG	. •
•	Date	
Inventor's signature:		
Residence: Post Office Address:	Livermore, CA 94550 663 Bethal Place, Livermore, CA 94550	
1 ost Office Address.	United States Country of Citizenship:	United States
Full name of eighth i	nventor: MARTIN SEAMONS	
Inventor's signature:	Date:	,
Residence:	San Jose, CA 95123	
Post Office Address:		
	United States Country of Citizenship:	United States

(Declaration ends with this page)





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[X]	original
[]	divisional
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	A 12 22 XX	F:1: F:	Dudanit 1	_Status	Ahandanad
	Application No.	Filing Date	<u>Patented</u>	<u>Pendin</u>	g <u>Abandoned</u>



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Inventor's signature:		Date:		
Residence:	Cupertino, CA 95014			•
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	United States	Country of Citizenship:	United States	
Full name of second is	nventor: IAN LATCHF	ORD		
Inventor's signature:		Date:		
Residence:	Sunnyvale, CA 94087			
Post Office Address:	1207 Sesame Drive, Su	nnyvale, CA 94087		
	United States	Country of Citizenship:	Great Britain	

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Full name of third inventor:	TSUTOMU TANAKA
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Inventor's signature:	Date:	
Residence:	Santa Clara, CA 95051	
Post Office Address:	744 Nicholson Avenue, Santa Clara, CA 95051	
	United States Country of Citizenship:	Japan
	•	
Full name of fourth in	ventor: BOK HEON KIM	
	·	
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	United States Country of Citizenship:	Korea
Full name of fifth inve	entor: PING XU	
•	<b></b>	
Inventor's signature:	Date:	
Residence:	Fremont, CA 94539	
Post Office Address:	48888 Crown Ridge Common, Fremont, CA 94539	China
	United States Country of Citizenship:	China
Full name of sixth inv	entor: JASON FOSTER	
ruii name oi sixth inv	entor: JASON FOSTER	
		· · · · · · · · · · · · · · · · · · ·
Inventor's signature:	Clayon fast Date:	July 2. 2001
Residence:	Santa Clara, CA 95051	23 / 2 / 2 3 7
Post Office Address:	3707 Poinciana Drive, Santa Clara, CA 95051	
1 03t Office Hadress.	United States Country of Citizenship:	United States
	country or cruzensmp.	3
Full name of seventh i	inventor: HEATH B. DESHONG	
Inventor's signature:	Date:	
Residence:	Livermore, CA 94550	
Post Office Address:	663 Bethal Place, Livermore, CA 94550	
	United States Country of Citizenship:	United States
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	·	•
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(Declaration ends with this page)